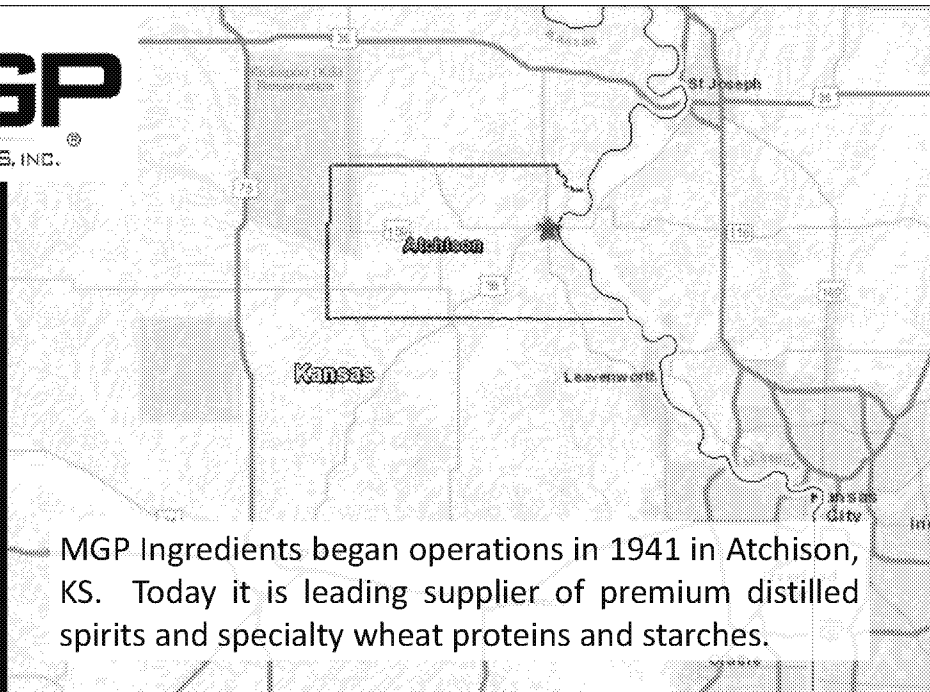
An aerial photograph showing a large, dense plume of white chlorine gas being released from an industrial facility. The plume spreads across a landscape that includes a forested area on the left and a road or railway corridor in the center. The image is in black and white with a halftone texture.

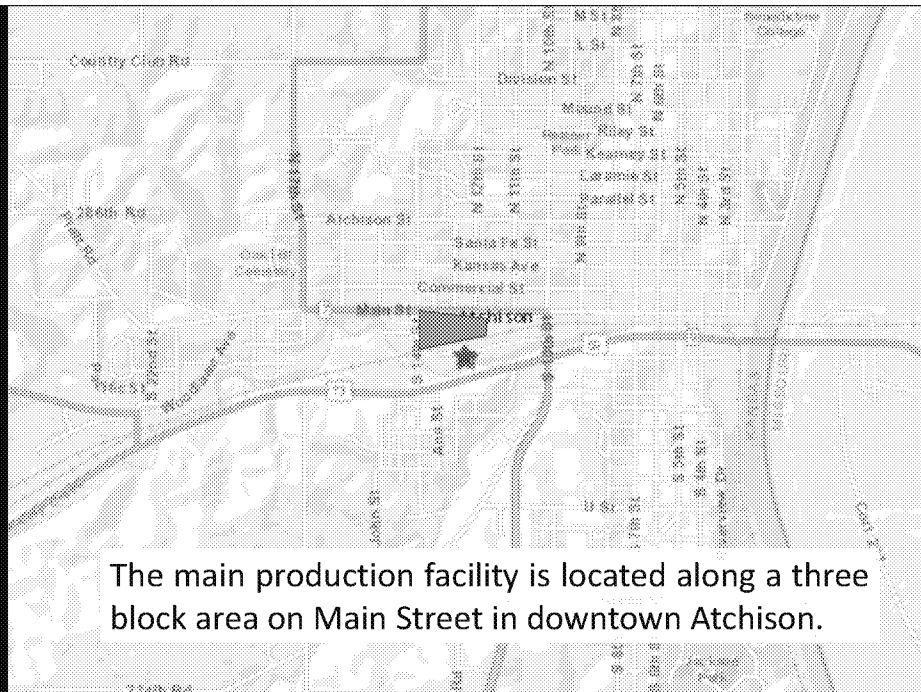
MGP Ingredients Chlorine Release

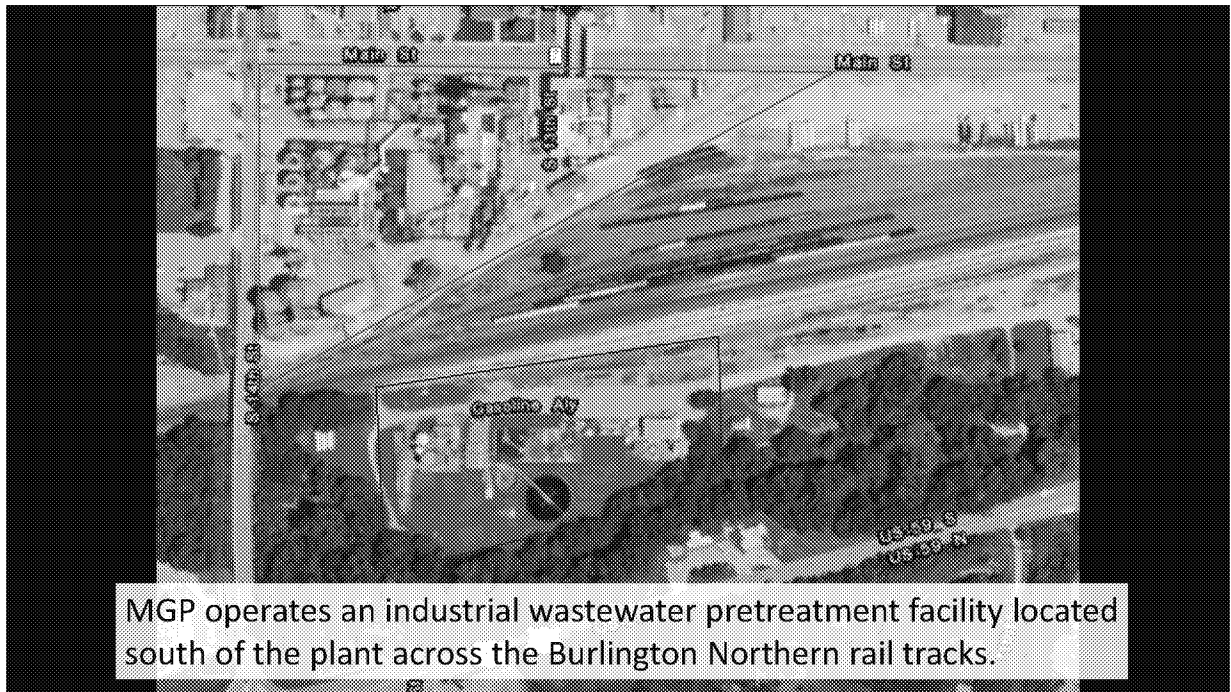
10/21/2016
Aitchison, KS

* kshb.com -- picture by Dunn Heating and Cooling

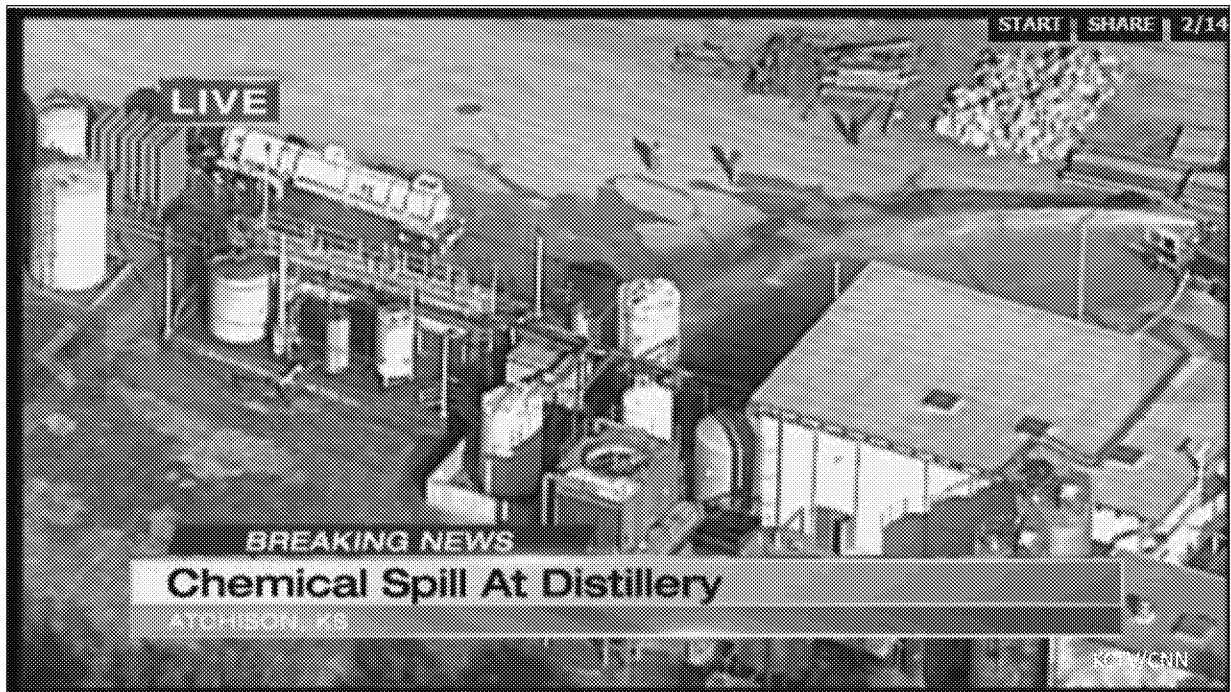


MGP Ingredients began operations in 1941 in Atchison, KS. Today it is leading supplier of premium distilled spirits and specialty wheat proteins and starches.





MGP operates an industrial wastewater pretreatment facility located south of the plant across the Burlington Northern rail tracks.



START SHARE 2/14

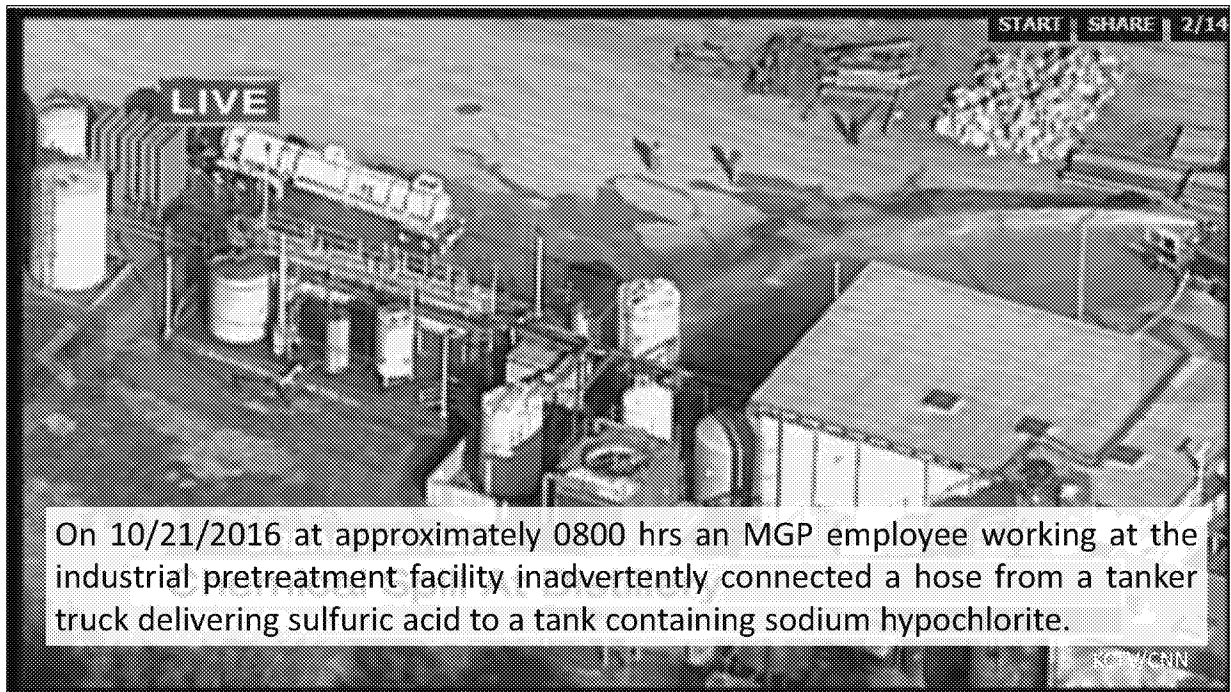
LIVE

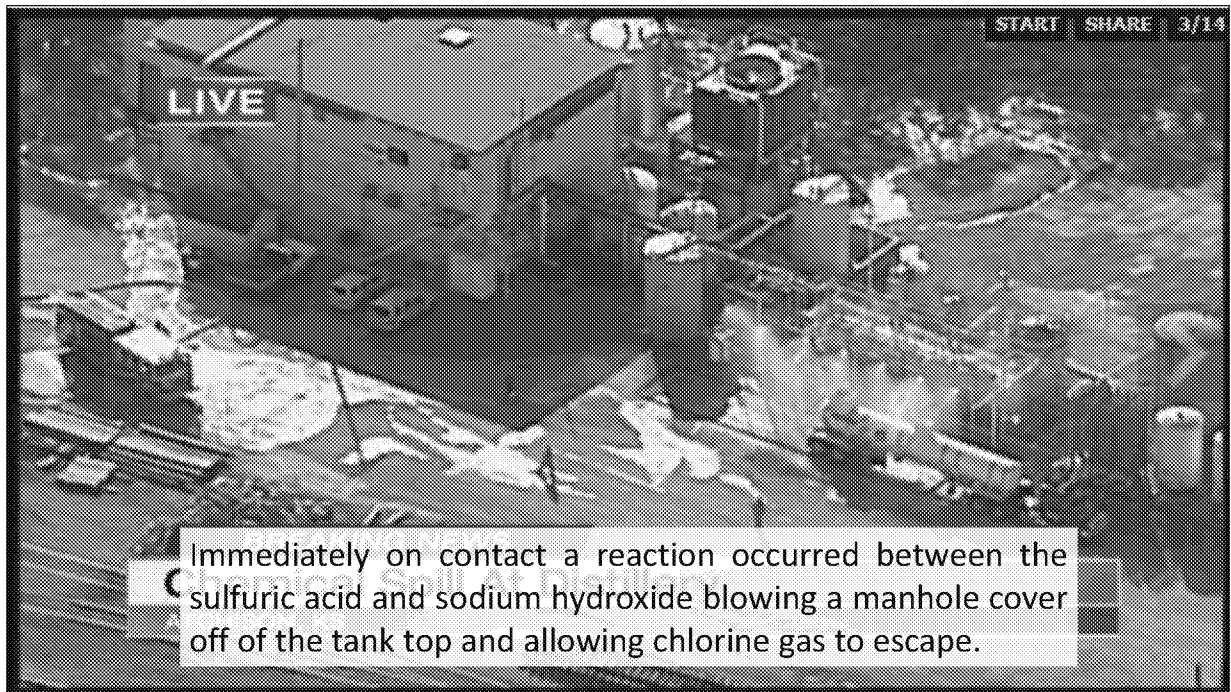
BREAKING NEWS

Chemical Spill At Distillery

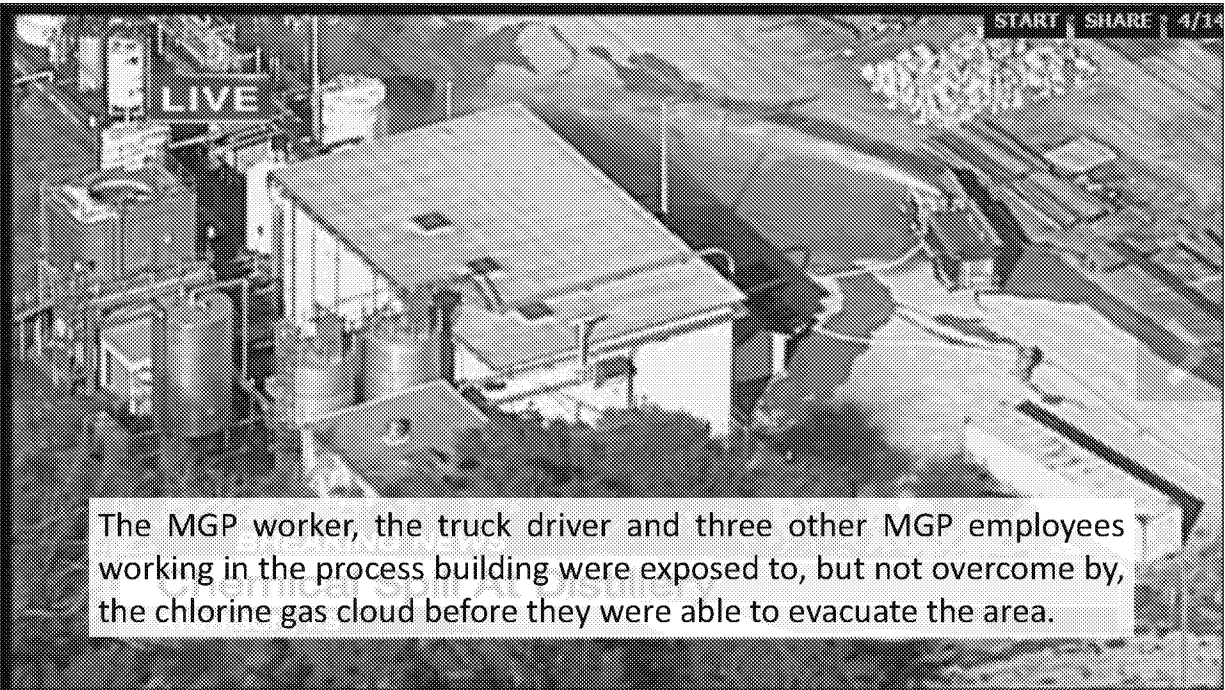
ATCHISON, KS

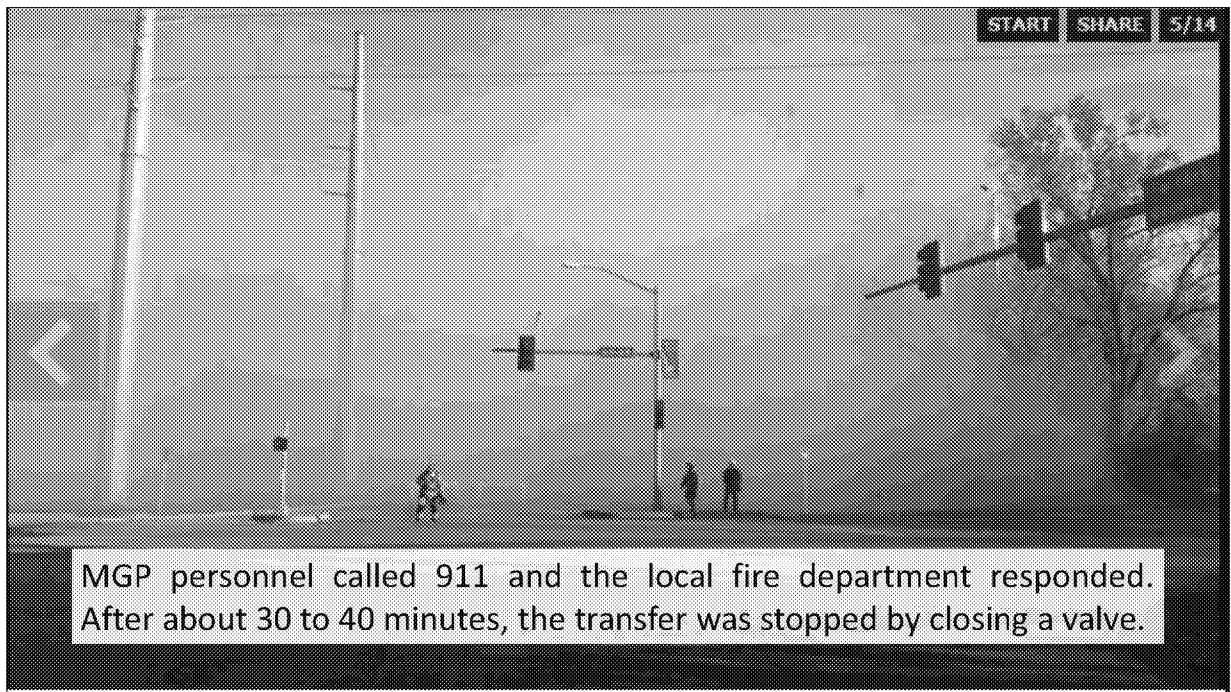
KCHW/CNN

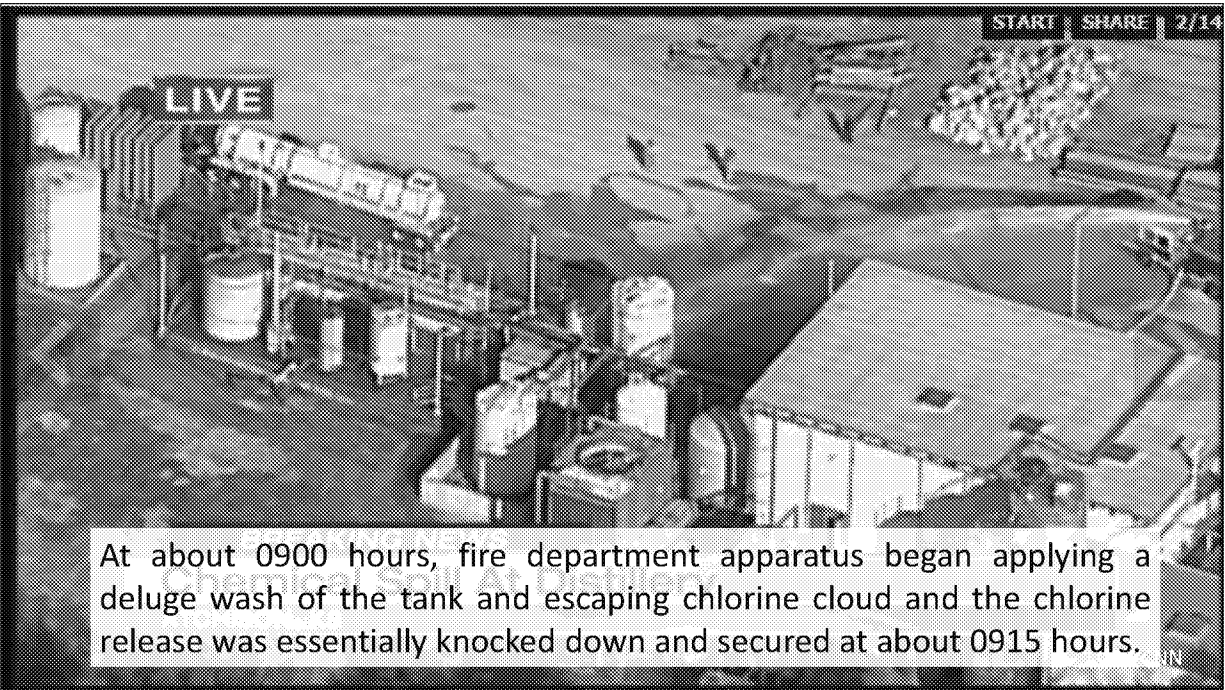




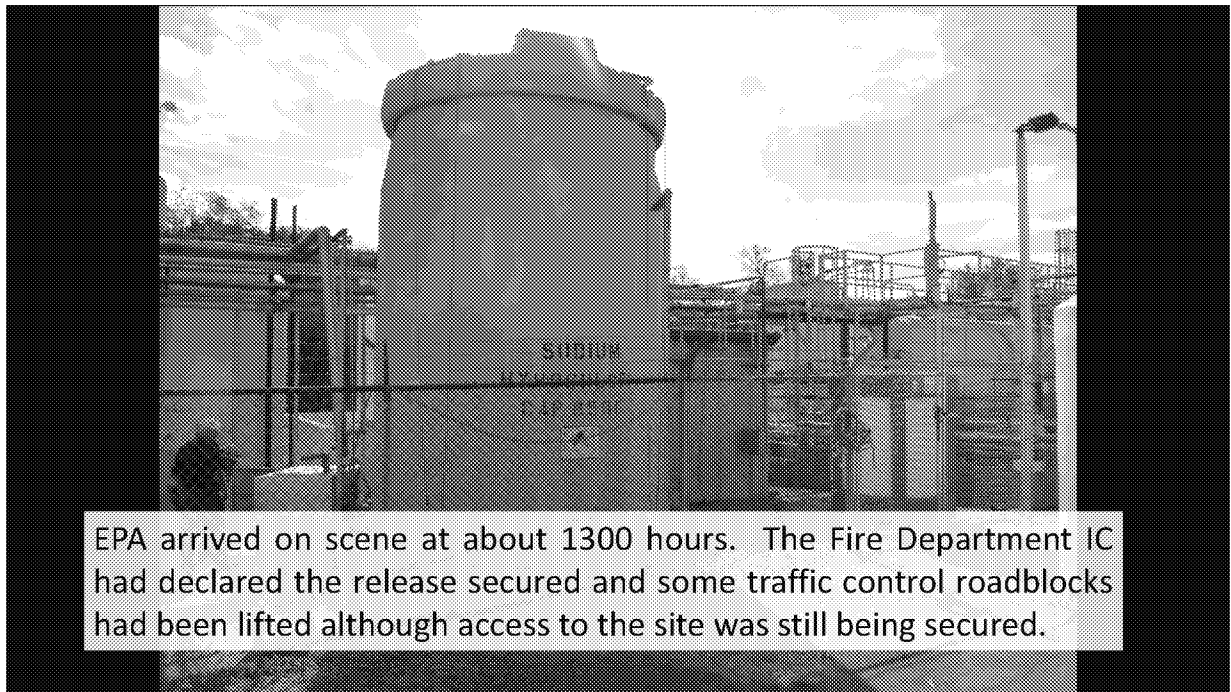
Immediately on contact a reaction occurred between the sulfuric acid and sodium hydroxide blowing a manhole cover off of the tank top and allowing chlorine gas to escape.





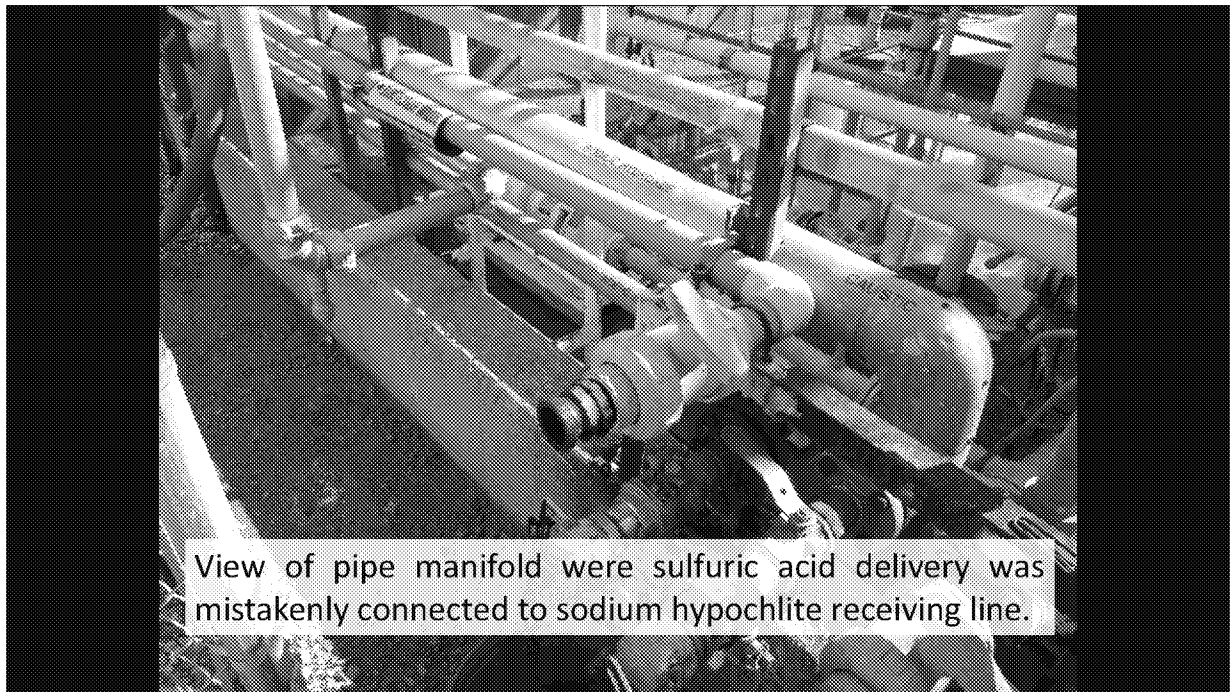


At about 0900 hours, fire department apparatus began applying a deluge wash of the tank and escaping chlorine cloud and the chlorine release was essentially knocked down and secured at about 0915 hours.

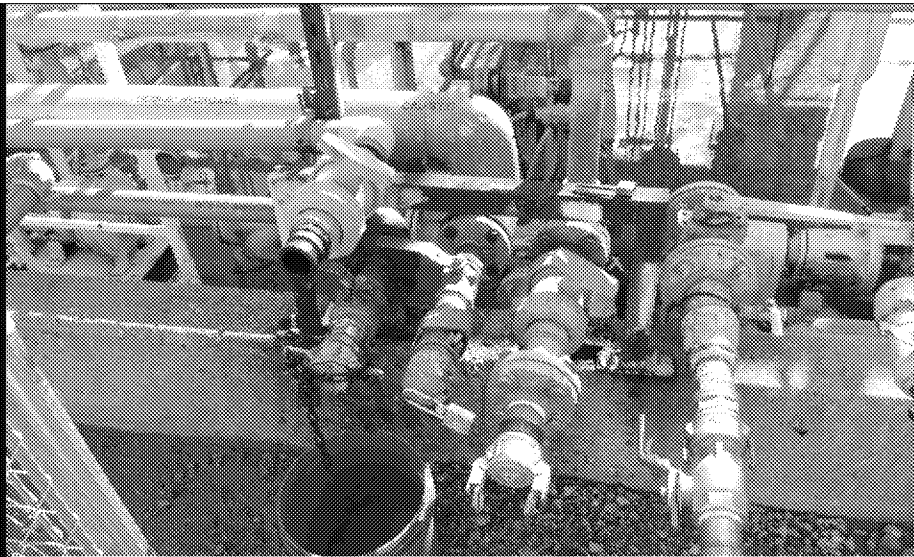




Upon arrival EPA met with the City Manager, County Emergency Management Director, Fire Department IC, KDH&E, and MGP representatives. On scene and perimeter air monitoring was initiated by EPA START using MultiRAE detectors equipped with chlorine sensors.



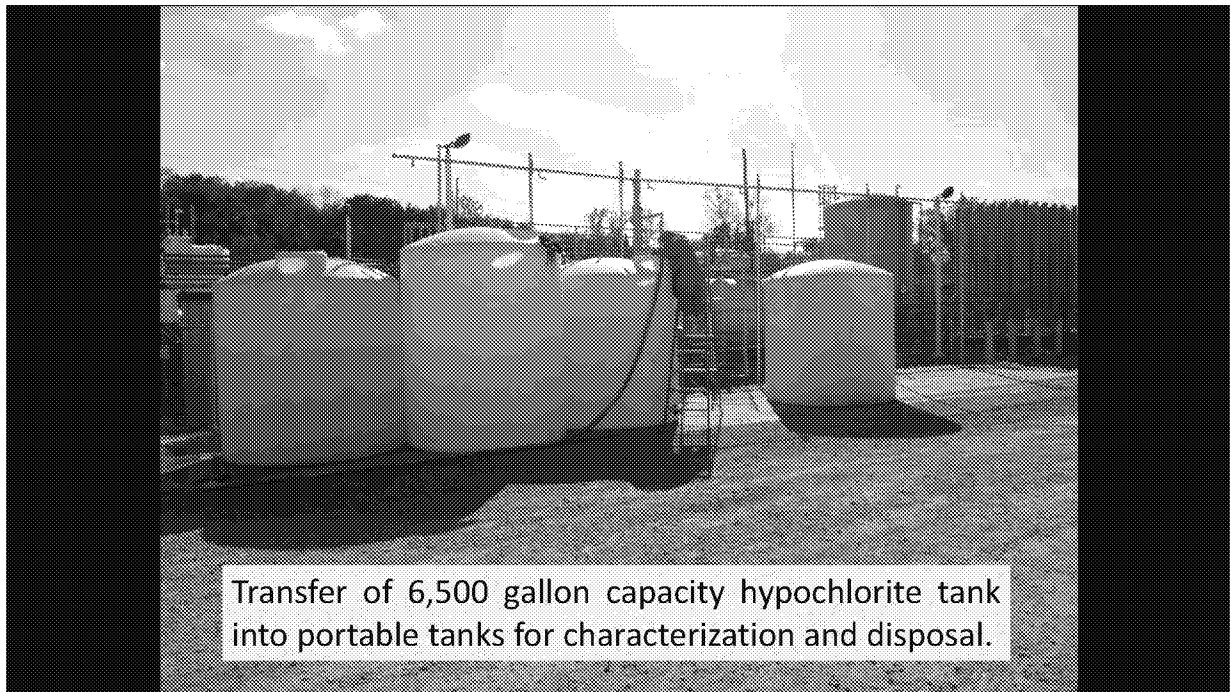
View of pipe manifold where sulfuric acid delivery was mistakenly connected to sodium hypochlorite receiving line.

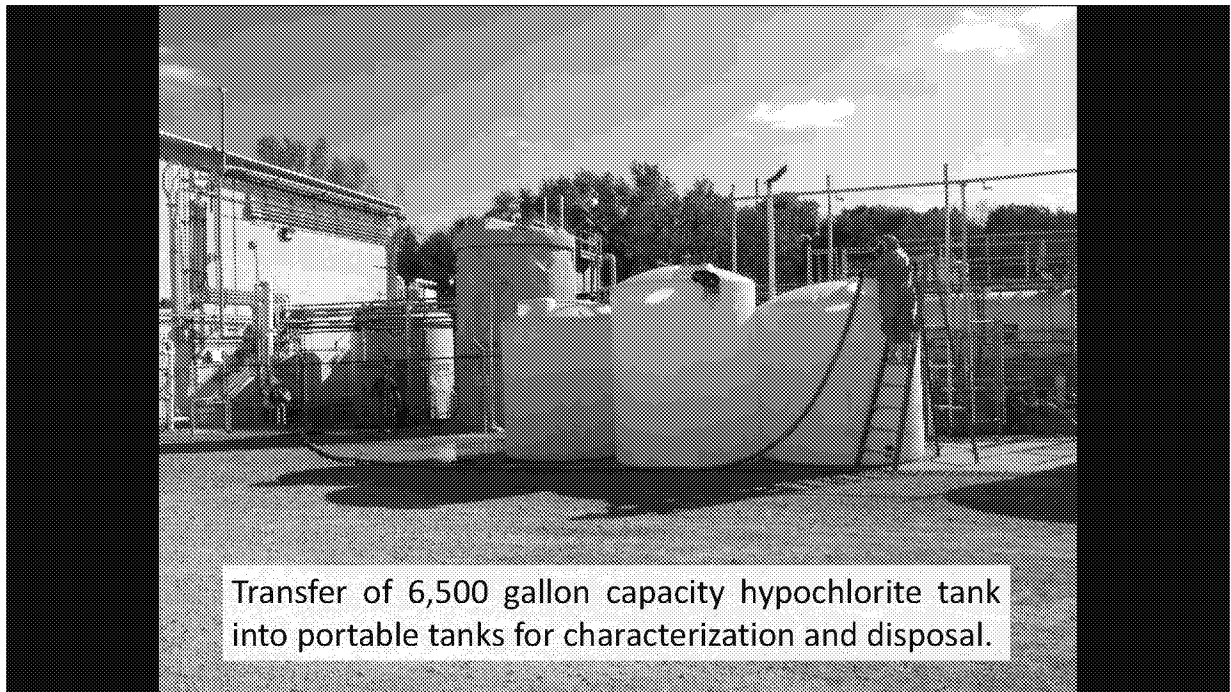


Another view of pipe manifold where sulfuric acid delivery was mistakenly connected to sodium hypochlorite receiving line.

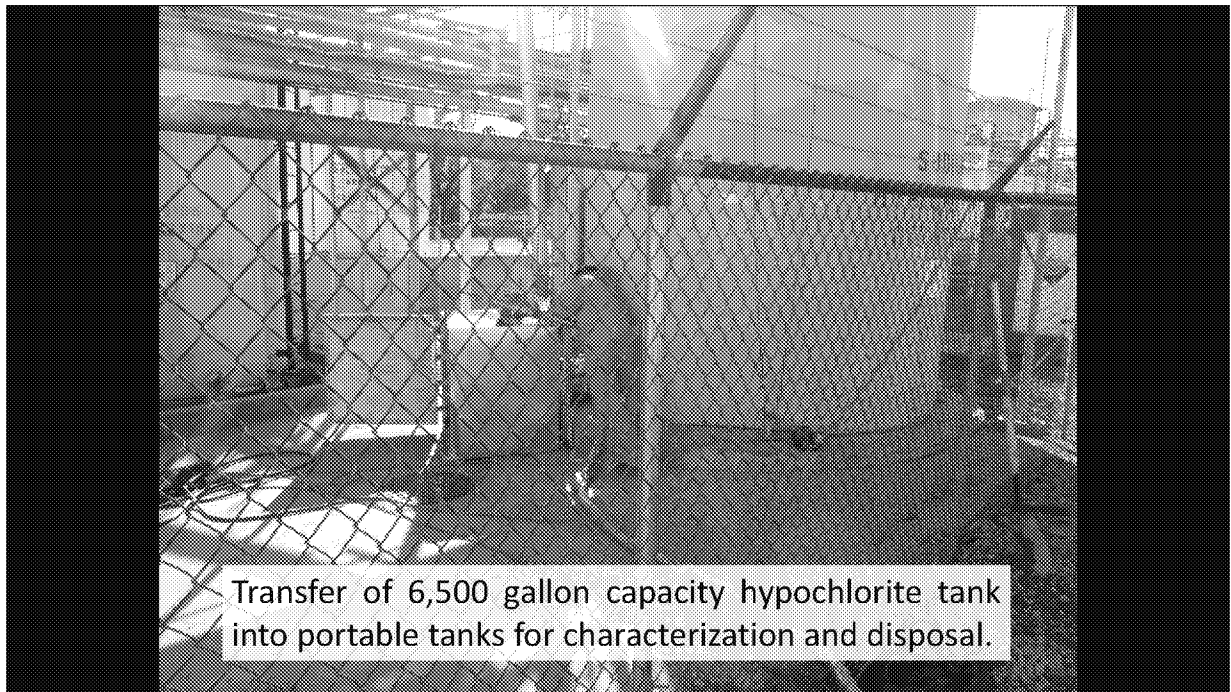


Labelled pipe lines.

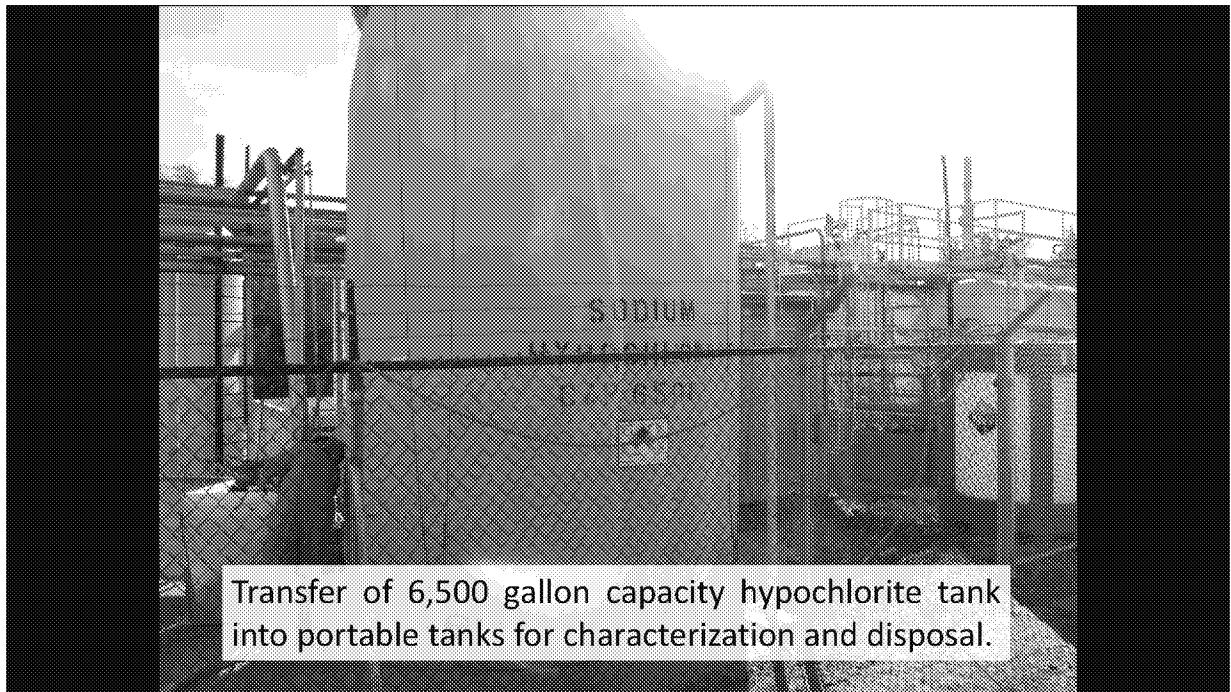


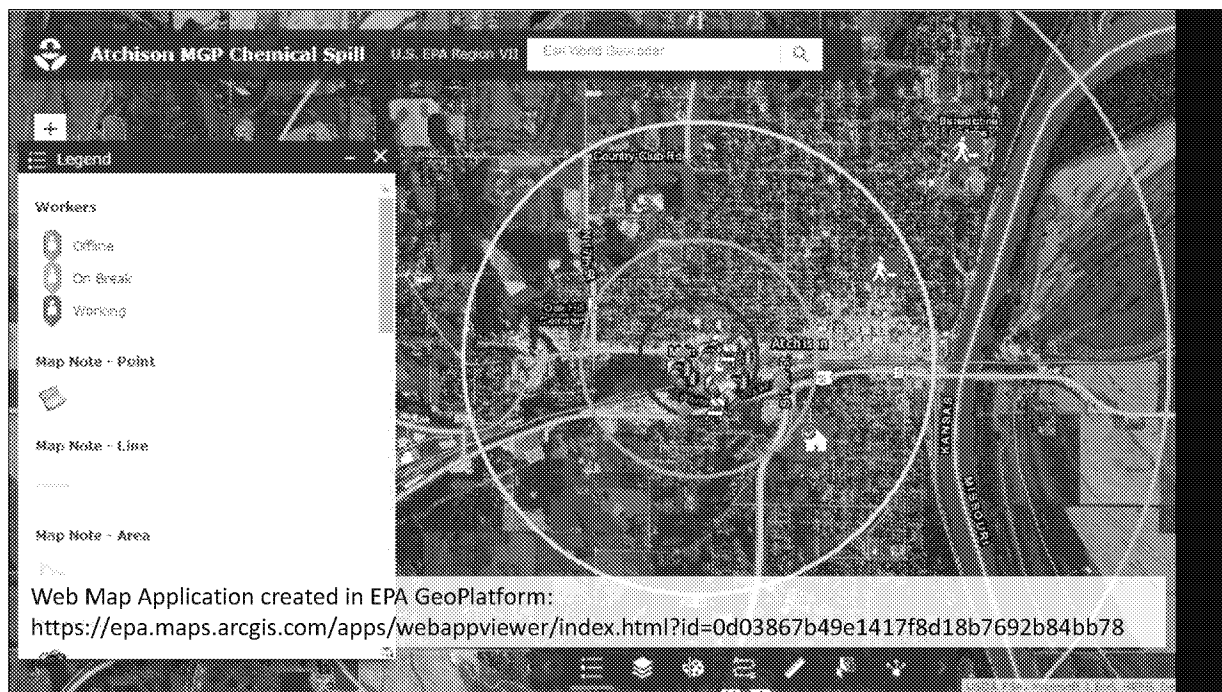


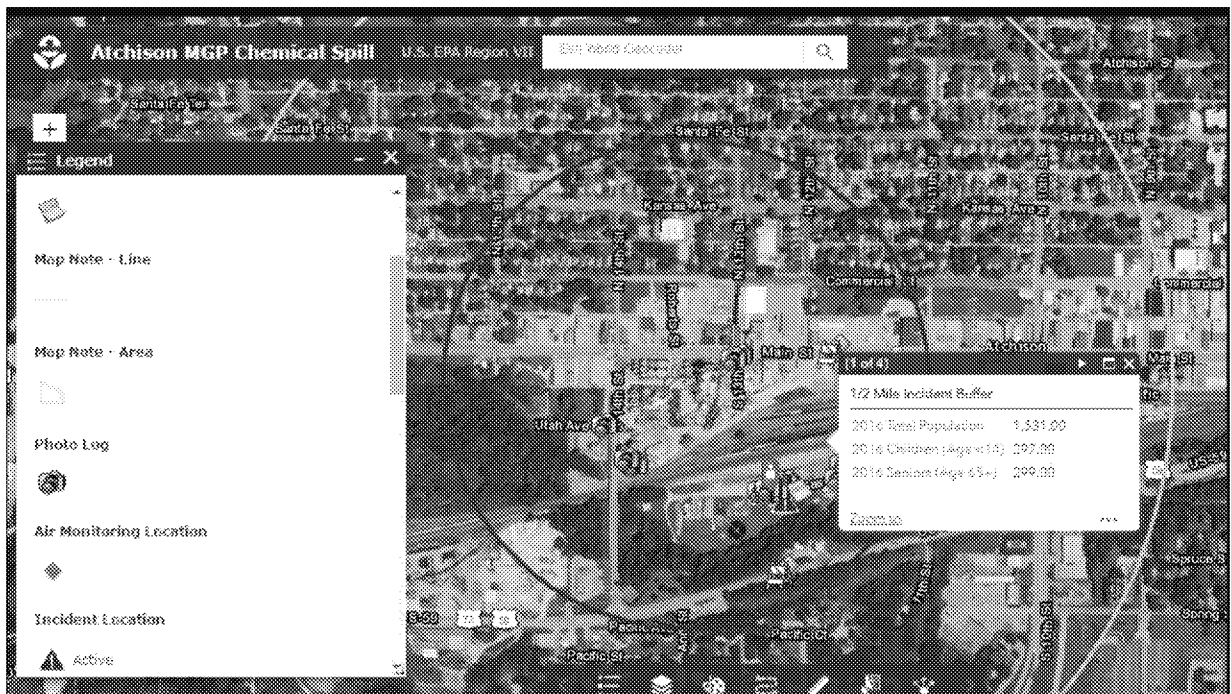
Transfer of 6,500 gallon capacity hypochlorite tank into portable tanks for characterization and disposal.



Transfer of 6,500 gallon capacity hypochlorite tank into portable tanks for characterization and disposal.













EPA de-mobbed from the site at approximately 1745 hours. Tank transfer operations were still underway and expected to take another 4 hours to complete. Air monitoring responsibilities were assumed by MGP's response contractors, CTEH (Center for Toxicology and Environmental Health, LLC (CTEH) who had arrived on-site at 1500 hours.

